

Amendments to the Claims:

Claims 1-78. (Cancelled)

Claim 79. (Previously presented) A vector comprising a nucleic acid, said nucleic acid comprising a sequence selected from SEQ ID NO: 47 and SEQ ID NO: 51.

Claim 80. (Previously presented) The vector of claim 79, wherein said vector is an expression vector.

Claim 81. (Currently amended) A cell *in vitro* expressing a recombinant nucleic acid comprising a sequence selected from SEQ ID NO: 47 and SEQ ID NO: 51.

Claim 82. (Previously presented) The cell of claim 81, wherein said cell is a mammalian cell, a yeast cell, or a bacterial cell.

Claim 83. (Currently amended) A cell *in vitro* containing a vector comprising a nucleic acid, said nucleic acid comprising a sequence selected from SEQ ID NO: 47 and SEQ ID NO: 51.

Claim 84. (Currently amended) The cell of claim ~~80~~ 83, wherein said vector is an

expression vector.

Claim 85. (Previously presented) A substantially pure nucleic acid comprising a sequence encoding a BIR domain having the sequence of SEQ ID NO: 24 or SEQ ID NO: 25.

Claim 86. (Previously presented) A vector comprising a nucleic acid encoding a BIR domain comprising the sequence of SEQ ID NO: 24 or SEQ ID NO: 25.

Claim 87. (Previously presented) The vector of claim 86, wherein said vector is an expression vector.

88. (Currently amended) A cell *in vitro* expressing a recombinant nucleic acid consisting of a sequence encoding a BIR domain comprising the sequence of SEQ ID NO: 24 or SEQ ID NO: 25.

89. (Previously presented) The cell of claim 88, wherein said cell is a mammalian cell, a yeast cell, or a bacterial cell.